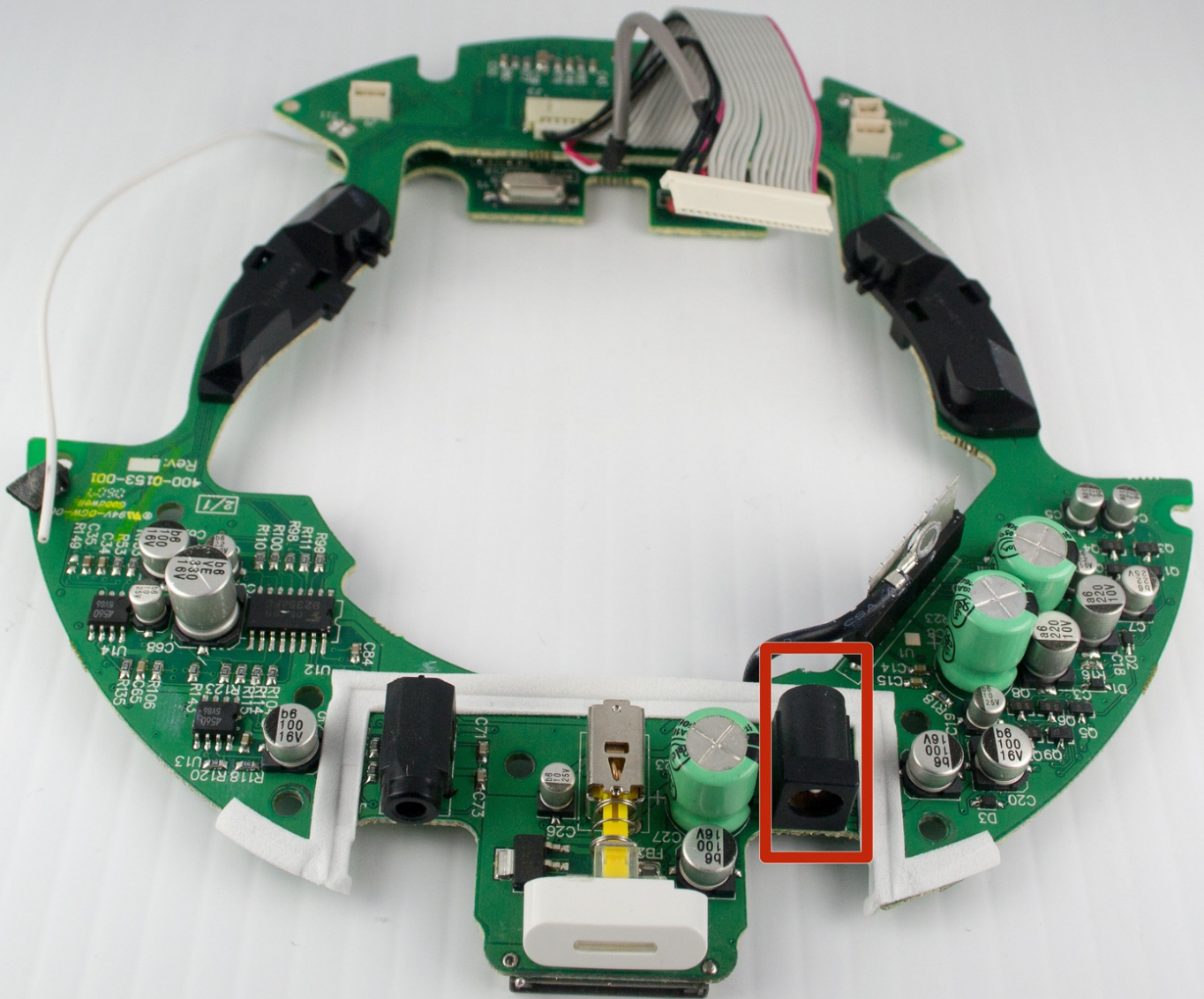




# JBL On Stage II Power Jack Replacement

This will guide you through the process of removing and replacing the power jack.

Written By: Jared Everingham



## INTRODUCTION

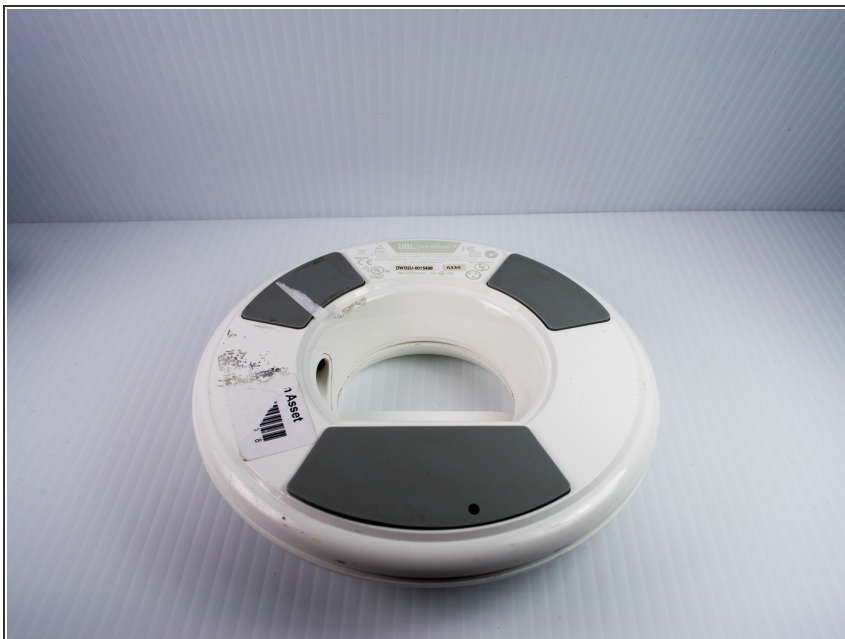
To complete this guide, you will need to disassemble your device and use a soldering iron to replace the power jack.

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### TOOLS:

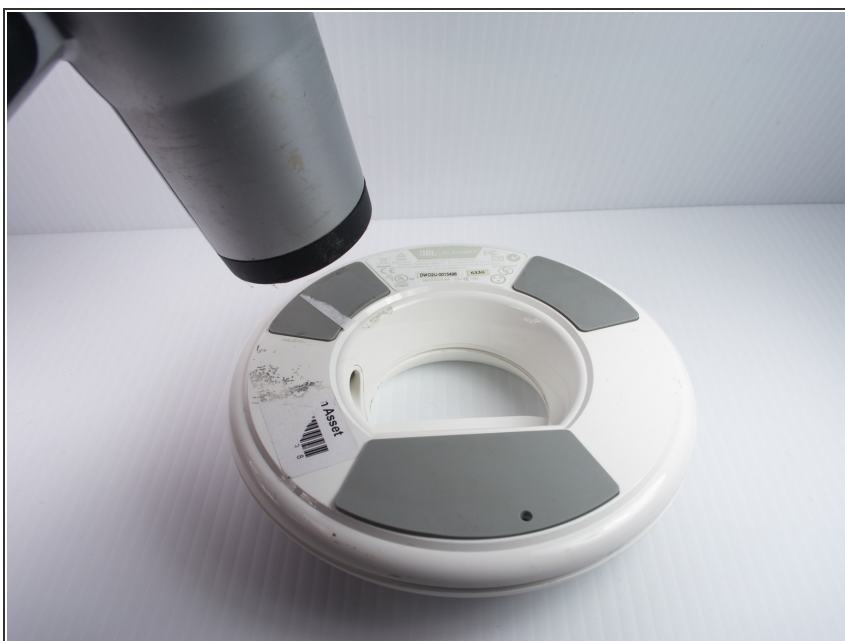
- [Heat Gun](#) (1)
  - [T-10 Torx Screwdriver](#) (1)
  - [Socket 5.5 mm](#) (1)
  - [.25" Socket Wrench](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [Flush Wire Cutters](#) (1)
  - [Soldering Workstation](#) (1)
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## Step 1 — Cracking the Case



- Turn the device upside down so that the three rubber pads are facing up.

## Step 2



- Use a heat gun (set to low) to apply heat to one of the rubber pads until you can easily remove the pad. This step takes around 5-7 minutes.



### Step 3



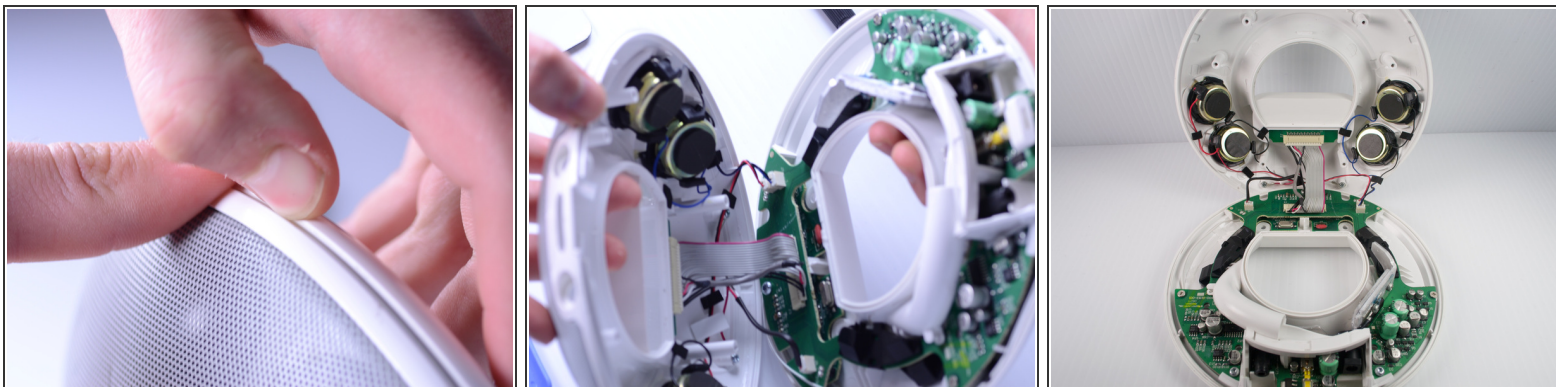
- Remove the heated rubber pad with a plastic opening tool.
- Repeat steps 2 and 3 for the two remaining rubber pads.

### Step 4



- Remove the six 1cm T-10 torx screws on the bottom of the device (found under the rubber pads) using a T-10 Torx screwdriver.

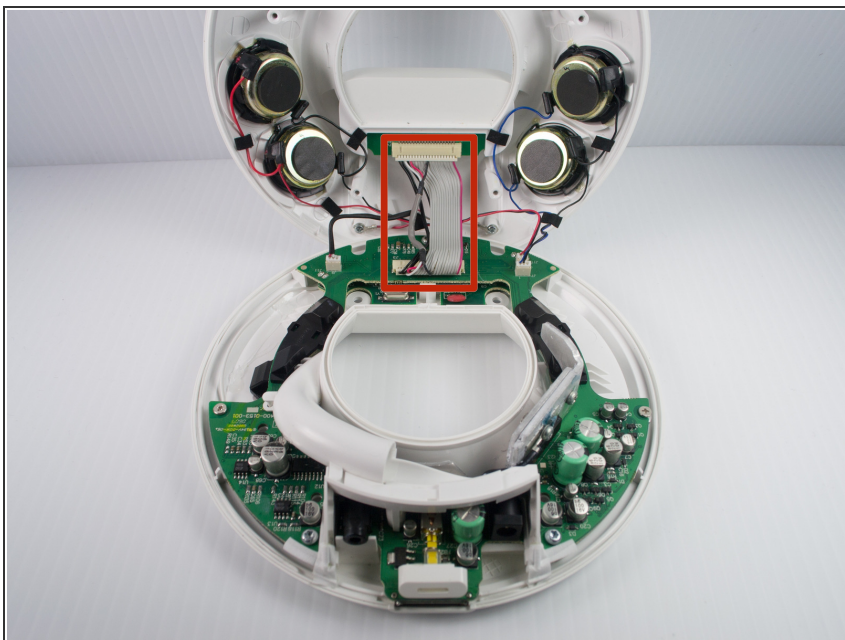
## Step 5



- Open the device along its seam.

⚠ Be careful when separating the device because there are wires connecting the two separate halves.

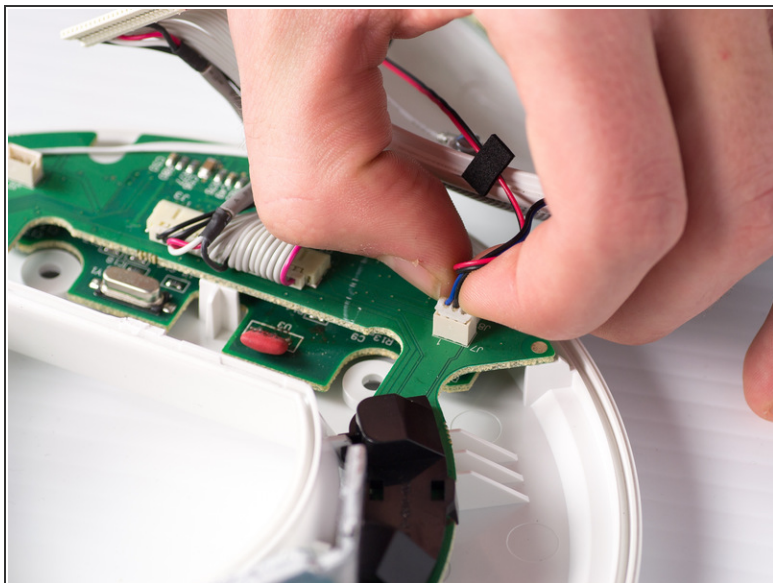
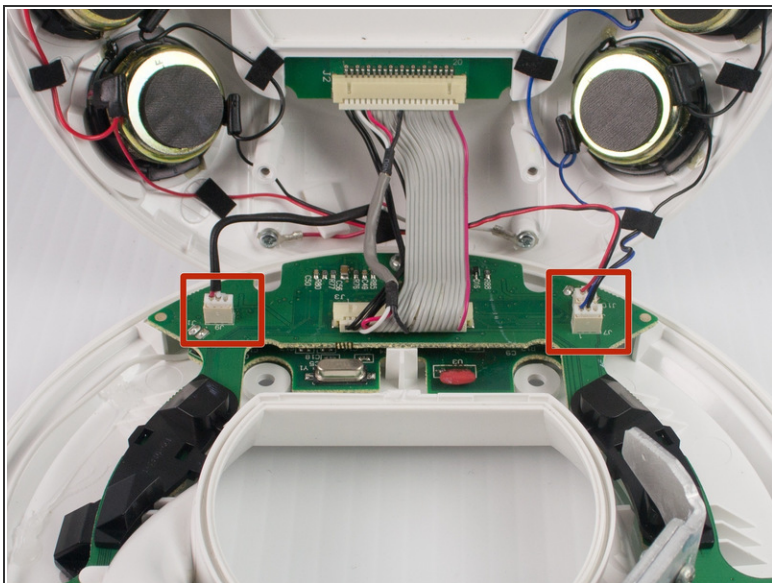
## Step 6



- Disconnect the ribbon cable connector from the top half of the device by pulling outward and parallel to the connecting pins.

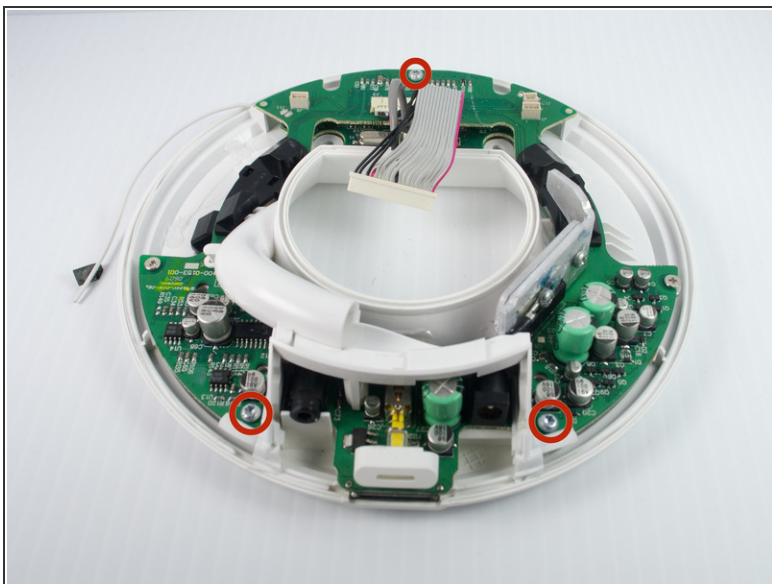


## Step 7



- Locate and disconnect the two molex connectors found on either side of the ribbon cable connector on the bottom half of the device.

## Step 8 — Circuit Board



- Remove the three 1 cm T-10 Torx screws.

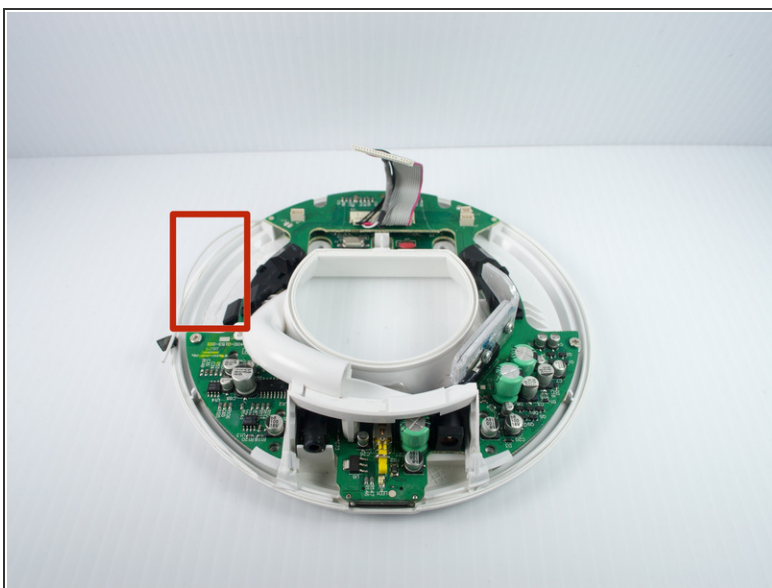
## Step 9



- Carefully press out the white base tube and push up on the circuit board.

⚠ Note that there is a small wire connecting the circuit board to the base.

## Step 10



- Pull the white wire out of the hot glue.

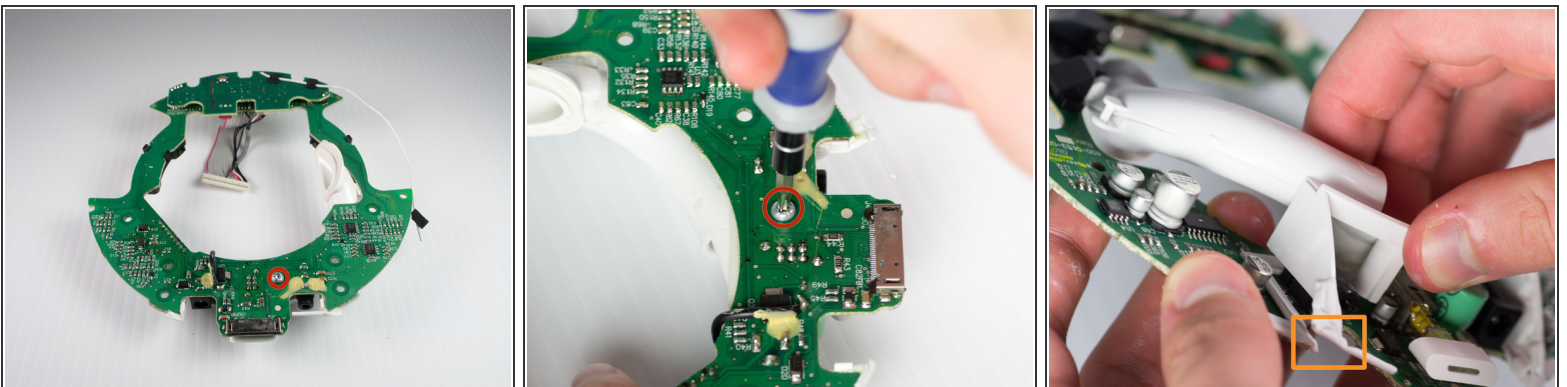


## Step 11



- Unbolt the heatsink with a 5.5-mm socket and a Phillips PH1 screwdriver.
- Remove the heat sink; it should detach from the bottom of the device.

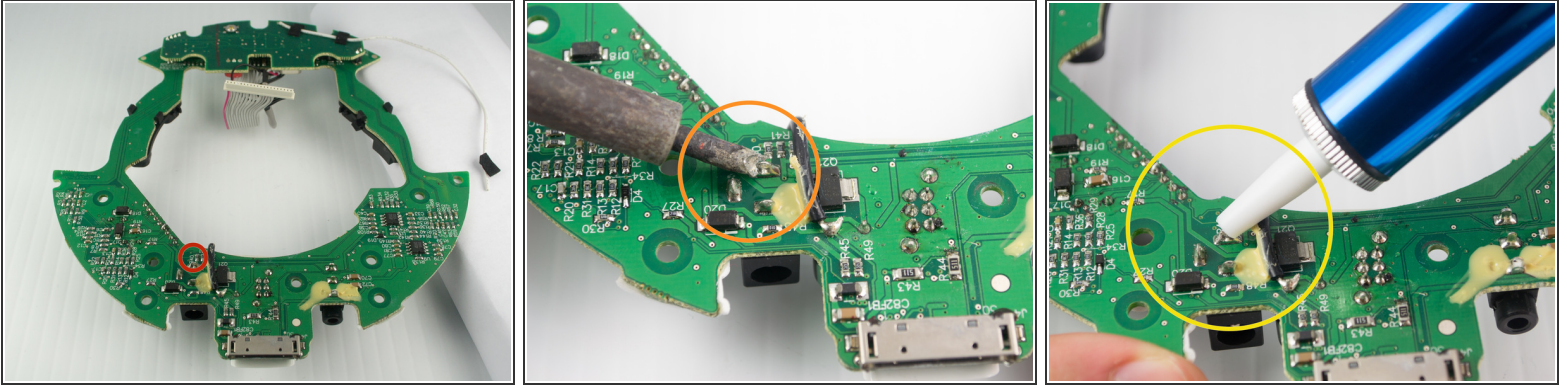
## Step 12



- Remove the T-10 torx screw on the bottom of the device that attaches the base tube to the circuit board.
- Turn the device so that the base tube is on top.
- Remove the base tube by pulling up.
- May need to cut the rubber adhesive between the base tube to the circuit board.

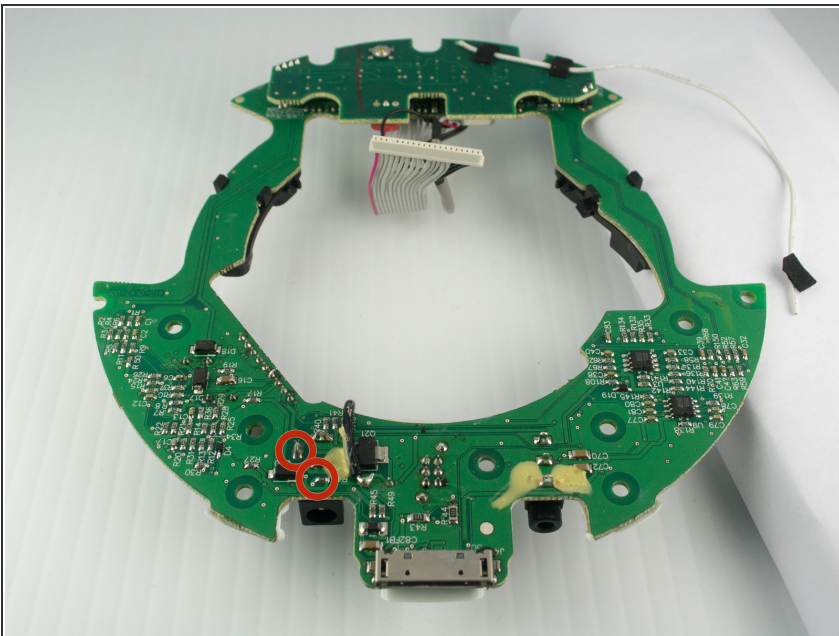


## Step 13 — Power Jack



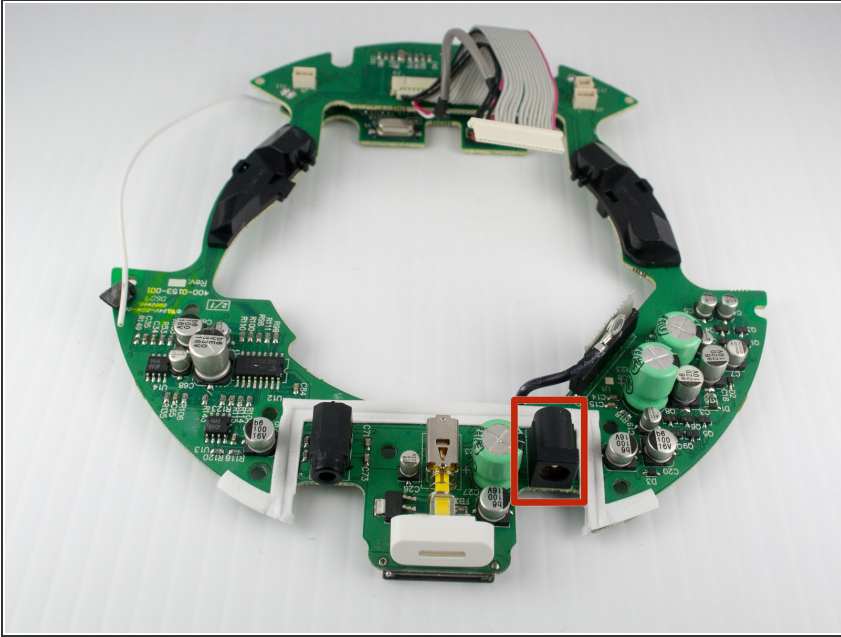
- Turn the device upside down.
  - Solder the back lead of the power jack until the solder melts.
  - Heat the lead until the solder melts.
  - Remove the solder with the desoldering pump.
- ❗ For help with soldering view the iFixit [soldering guide](#)

## Step 14



- Repeat step 13 for the other two leads

## Step 15



- Remove the power jack.

Replace the power jack with the new jack and resolder the leads. Follow the steps in reverse order to reassemble your device

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